

Peer Review

Review of: "Hybrid Quantum Neural Networks with Amplitude Encoding: Advancing Recovery Rate Predictions"

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The paper is well-written and easy to follow. It addresses a very interesting topic about how to encode data for a neural network.

The authors consider two options, phase and amplitude encoding, and conclude that QML with amplitude encoding outperforms other approaches.

The results are presented in the figures with clarity so the reader can check the conclusions of the paper.

In order to improve the paper, I would suggest the following actions:

- 1.- Elaborate on why amplitude encoding has not been used before to encode NN input, so it is easier to understand the originality of this paper.
- 2.- Although the authors offer the program code by request, it would be useful to have a repository with the files (GitHub?) which is nowadays a usual request to publish new results.

Overall opinion is "accept with minor changes".

Declarations

Potential competing interests: No potential competing interests to declare.